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AMENDMENTS TO THE CLAIMS

1. (Currently amended) A pump insert to be located within a pump casing and

having an inner surface which in use defines a portion of a pump volute, wherein said pump

insert is adapted to be coupled with a pump casing by an inter-engaging profiled coupling

arrangement, and wherein said pump insert, in use, is adapted to secure a pump casing closure

plate element between the pump insert and the pump casing, and said pump insert is adapted to

be clamped between the pump casing and the pump casing closure element during assembly of

the pump.

2. (Currently amended) A pump insert as claimed in claim 1, wherein a portion of

the pump insert is adapted to be secured against a portion of the pump casing closure plate

<u>element</u>.

3. (Canceled)

4. (Currently amended) A pump insert as claimed in claim 1, wherein the pump

insert is adapted to be clamped between a pump liner and the pump casing closure plate element.

5. (Currently amended) A pump insert as claimed in claim 1, wherein the pump

casing closure plate element is locatable about the pump shaft.

6. (Currently amended) A pump insert as claimed in claim 1, wherein the closure

plate element is locatable directly between the pump insert and the pump casing.

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- 7. (Currently amended) A pump insert as claimed in claim 1, wherein the closure plate element is locatable between the pump insert and a pump casing adaptor plate, wherein the pump casing adaptor plate is secured to the pump casing.
- 8. (Previously presented) A pump insert as claimed in claim 1, wherein the pump insert is adapted to be coupled directly with the casing by the inter-engaging profiled coupling arrangement.
- 9. (Original) A pump insert as claimed in claim 7, wherein the pump insert is adapted to be coupled with the pump casing adaptor plate by the inter-engaging profiled coupling arrangement.
- 10. (Currently amended) A pump insert as claimed in claim 1, wherein the pump closure plate element defines a portion of a pump shaft sealing arrangement.
- 11. (Previously presented) A pump insert as claimed in claim 1, wherein the pump insert is firmly secured with the pump casing by the inter-engaging profiled coupling arrangement.
- 12. (Previously presented) A pump insert as claimed in claim 1, wherein the pump insert is adapted to be loosely coupled with the pump casing by the inter-engaging profiled

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coupling arrangement, and the pump insert adapted to be firmly secured in place within the pump

casing when the pump is fully assembled.

13. (Previously presented) A pump insert as claimed in claim 1, wherein the inter-

engaging profiled coupling arrangement comprises at least one coupling element connected to

the pump insert and at least one coupling element connected to the pump casing, wherein the

respective coupling elements are complementary and are adapted to be engaged to couple the

pump insert with the pump casing.

14. (Original) A pump insert as claimed in claim 13, wherein the coupling elements

are complementary teeth.

15. (Original) A pump insert as claimed in claim 14, wherein one coupling element is

a tooth, and the other coupling element is a complementary slot adapted to receive the tooth.

16. (Previously presented) A pump insert as claimed in claim 13, wherein a plurality

of coupling elements are provided.

17. (Previously presented) A pump insert as claimed in claim 13, wherein the

coupling elements of the pump insert are integrally formed therewith.

18. (Previously presented) A pump insert as claimed in claim 13, wherein the coupling elements of the pump insert are formed separately of and subsequently connected to the pump insert.

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- 19. (Previously presented) A pump insert as claimed in claim 13, wherein the coupling elements of the pump casing are integrally formed therewith.
- 20. (Previously presented) A pump insert as claimed in claim 13, wherein the coupling elements of the pump casing are formed separately and subsequently connected to the pump casing.
- (Original) A pump insert as claimed in claim 20, wherein the coupling elements 21. of the pump casing are integrally formed with a pump casing adaptor plate with the adaptor plate being secured to the pump casing.
- 22. (Previously presented) A pump insert as claimed in claim 13, wherein the coupling elements of both the pump insert and the pump casing are located on and extend from a respective element support surface of the pump casing and pump insert.
- (Original) A pump insert as claimed in claim 22, wherein the coupling elements 23. of the pump casing and the pump insert extend from their respective element support surface in a radial direction.

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24. (Previously presented) A pump insert as claimed in claim 22, wherein the coupling elements of the pump casing pump insert extend in opposite radial directions from the respective element support surfaces.

- 25. (Previously presented) A pump insert as claimed in claim 13, wherein each coupling element of the pump insert is adapted to slidably engage a respective coupling element of the pump casing.
- 26. (Previously presented) A pump insert as claimed in claim 13, wherein each coupling element of the pump insert includes an engaging surface adapted to engage a corresponding engaging surface of a respective coupling element of the pump casing.
- 27. (Original) A pump insert as claimed in claim 26, wherein each engaging surface of each coupling element of the pump casing and pump insert defines a wedge profile.
- 28. (Previously presented) A pump insert as claimed in claim 13, wherein the pump insert is coupled with the pump casing by rotationally misaligning the coupling elements of the pump insert and the pump casing, bringing together the pump insert and pump casing, and rotating the pump insert with respect to the pump casing to cause sliding engagement of the coupling elements of the pump casing and pump insert respectively.

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29. (Previously presented) A pump insert as claimed in claim 13, wherein the

coupling elements of the pump insert is engaged with the coupling elements of a pump casing

adaptor plate, which adaptor plate subsequently being secured to the pump casing.

30. (Previously presented) A pump insert as claimed in claim 13, wherein the

coupling elements of the pump casing and pump insert are rotationally aligned, as required, with

the pump casing and pump insert being brought together in the required fashion to engage the

coupling elements.

31. (Previously presented) A pump insert as claimed in claim 1, wherein the pump

insert comprises an annular portion and a cylindrical portion, wherein the cylindrical portion

extends substantially perpendicular from an outer surface of the annular portion.

32. (Previously presented) A pump insert as claimed in claim 31, wherein the

interengaging profiled coupling arrangement comprises at least one coupling element connected

to the pump insert and at least one coupling element connected to the pump casing, wherein the

respective coupling elements are complementary and are adapted to be engaged to couple the

pump insert with the pump casing, the coupling elements extending from a respective element

support surface of the pump casing and pump insert, wherein the cylindrical portion defines the

coupling element support surface of the pump insert.

33. (Previously presented) A pump insert as claimed in claim 1, wherein the pump

insert is adapted for use on both lined and unlined pumps.

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34. (Previously presented) A pump insert as claimed in claim 1, wherein the inter-

engaging profiled coupling arrangement is a bayonet type fitting.

35. (Previously presented) A pump insert as claimed in claim 1, wherein the pump

insert is adapted for use with a centrifugal pump.

36. (Currently amended) A method of assembling a portion of a pump including, at

least, a casing having a coupling element, a pump insert having a complementary coupling

element, and a pump casing closure plate element, said method comprising the steps of:

locating the pump casing closure plate element between the casing and the pump insert;

aligning the coupling element of the pump insert with the coupling element of the pump

casing; and

causing relative rotational motion of the pump insert and the casing to cause the

complementary coupling elements to engage and couple the pump insert with the casing and

secure the pump casing closure plate therebetween clamp the pump insert between the pump

casing and the pump casing closure element.

37. (Original) A method of assembling a portion of a pump as claimed in claim 36,

wherein the pump insert is loosely coupled with the pump casing by engagement of the coupling

elements.

38. (Currently amended) A method of assembling a portion of a pump as claimed

claim 36, wherein the method comprises the steps of:

locating the pump casing closure plate element between the pump insert and a pump

casing adaptor plate; and

aligning the coupling elements of the pump insert with complementary coupling elements

of a pump casing adaptor plate and rotating the pump insert with respect to the adaptor plate to

cause the coupling elements to engage, wherein the adaptor plate is subsequently secured to the

pump casing.

39. (Currently amended) A method of assembling a portion of a pump as claimed in

claim 36, wherein the closure plate element is located between the casing and the pump insert

when used in a lined pump having a split casing, such that the method involves the steps of

locating a first portion of a pump casing about a shaft, locating a closure plate element and a

pump insert about the shaft with the closure plate element located between the pump insert and

pump casing, and engaging the complementary coupling elements to couple the pump insert with

the casing first portion and secure the closure plate element between the pump insert and casing.

40. (Currently amended) A method of assembling a portion of a pump as claimed in

claim 39, wherein the closure plate element is loosely secured between the pump insert and the

casing.

41. (Currently amended) A method of assembling a portion of a pump as claimed in

claim 39, wherein the method further comprises the steps of locating a pump liner within the first

portion of the casing and against the pump insert, and securing a second portion of the casing to

the first portion such that the liner is forced against the pump insert resulting in the coupling

elements being at least partially separated and the pump insert being clamped between the liner

and the closure plate element, and the closure plate element being clamped between the pump

insert and the first portion of the pump casing.

42. (Currently amended) A method of assembling a portion of a pump as claimed in

claim 36, wherein the closure plate element is located between a pump casing adaptor plate and

the pump insert when used in an unlined pump, such that the method involves the steps of

locating the adaptor plate about a pump shaft, locating the closure plate element and the pump

insert about the pump shaft with the closure plate element being located between the adaptor pate

and the pump insert, and engaging the complementary coupling elements to couple the pump

insert with the adaptor plate and secure the closure plate element between the pump insert and

adaptor plate.

43. (Currently amended) A method of assembling a portion of a pump as claimed in

claim 42, the method further comprises the step of securing a pump casing to the adaptor plate

such that the closure plate element forces the pump insert against the casing resulting in the

coupling elements being separated and the pump insert being clamped between the casing and

the closure plate element, and the closure plate element being clamped between the pump insert

and the pump casing adaptor plate.

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44. (Currently amended) A pump closure assembly comprising:

a pump insert located about a pump shaft and coupled with a pump casing by an interengaging profiled coupling arrangement, wherein an inner surface of the pump insert defines a

portion of a pump volute; and

a pump casing closure plate element located about the pump shaft and secured between

the pump insert and the pump casing when said pump insert and pump casing are coupled

together by the inter-engaging profiled coupling arrangement;

wherein said pump insert is adapted to be clamped between the pump casing and the

pump casing closure element during assembly of the pump.

45. (Currently amended) A pump closure assembly as claimed in claim 44, wherein

the closure plate element is directly secured between the pump insert and the pump casing.

46. (Currently amended) A pump closure assembly as claimed in claim 44, wherein

the closure plate element is secured between the pump insert and a pump easing adaptor plate

which is adapted to be secured to the pump casing.

47. (Currently amended) A pump comprising:

a pump casing;

a pump insert located within the pump casing and having an inner surface which in use

defines a portion of a pump volute, wherein said pump insert is adapted to be coupled with a

pump casing by an inter-engaging profiled coupling arrangement; and

a pump closure plate element secured between the pump insert and the pump casing;

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wherein said pump insert is adapted to be clamped between the pump casing and the

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pump casing closure element during assembly of the pump.

48. (Currently amended) A pump as claimed in claim 47, wherein the closure plate

element is directly secured between the pump insert and the pump casing.

49. (Currently amended) A pump as claimed in claim 47, further comprising a pump

casing adaptor plate adapted to be secured to the pump casing, wherein the pump insert is

adapted to be coupled with the adaptor plate by the inter-engaging profiled coupling arrangement

with the pump closure plate element secured therebetween.

50. (Currently amended) A pump insert having an inner surface which in use defines

a portion of a pump volute, wherein said pump insert is adapted to be coupled with a pump

casing adjacent a suction branch thereof by an inter-engaging profiled coupling arrangement; and

wherein the pump insert provides a flow path between the suction branch of a pump

casing and a pump impeller.

51. (Canceled)

52. (Previously presented) A pump insert as claimed in claim 50, wherein a portion

of the pump insert is adapted to be secured against a pump casing closure element.

53.

(Original) A pump insert as claimed in claim 52, wherein the pump casing

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closure element defines a portion of a pump suction branch sealing arrangement.